

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicants: Strand et al. Confirmation No.: 8811
Application No.: 10/557,536 Group Art Unit: Not Yet Assigned
Filing Date: November 21, 2005 Examiner: Not Yet Assigned
Title: Bulk Fluid Flow Gate

Mail Stop Missing Parts
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

RESPONSE TO NOTIFICATION OF MISSING
REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)

In response to Notification of Missing Requirements under 35 U.S.C. 371 in the United States Designated/Elected Office (DO/EO/US) mailed November 13, 2006 (a copy of which is enclosed), Applicant as a small entity submits herewith the following:

- 1.) Copy of Notification Of Missing Requirements Under 35 U.S.C. 371 In The United States Designated/Elected Office (DO/EO/US) (1 pg.);
- 2.) Declaration and Power Of Attorney executed by the named inventors (3 pp.); and

Response To Notification Of Missing Requirements Under 35 U.S.C. 371

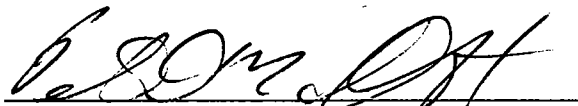
U.S.S.N. 10/557,536

3. Fee Transmittal for FY 2006 for payment of the surcharge of \$65.00.
(late filing of the basic filing fee and declaration).

Please apply the above noted fee of \$65.00 and any charges or credits to Deposit Account No. 19-0733.

Respectfully submitted,

Dated: January 12, 2007

By 
Peter D. McDermott, Reg. No. 29,411
BANNER & WITCOFF, LTD.
28 State Street, 28th Floor
Boston, MA 02109
Tel.: (617) 720-9600
Fax: (617) 720-9601
pmcdermott@bannerwitcoff.com

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Effective on 12/08/2004.
Fees pursuant to the Consolidated Appropriations Act, 2005 (H.R. 4818).**FEE TRANSMITTAL
for FY 2006**☒ Applicant claims small entity status. See 37 CFR 1.27**TOTAL AMOUNT OF PAYMENT** (\$65.00)**Complete if Known**

Application Number	10/557,536
Filing Date	November 21, 2005
First Named Inventor	Strand et al.
Confirmation No.	8811
Art Unit	TBD
Attorney Docket No.	005092.00078

METHOD OF PAYMENT (check all that apply)☐ Check ☐ Credit Card ☐ Money Order ☐ None ☐ Other (please identify) : _____☒ Deposit Account Deposit Account Number: 19-0733 Deposit Account Name: Banner & Witcoff, LTD.

For the above-identified deposit account, the Director is hereby authorized to: (check all that apply)

☒ Charge fee(s) indicated below☐ Charge fee(s) indicated below, except for the filing fee☒ Charge any additional fee(s) or underpayments of fee(s)☐ Credit any overpayments

Under 37 CFR 1.16 and 1.17

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.**FEE CALCULATION****1. BASIC FILING, SEARCH, AND EXAMINATION FEES**

Application Type	FILING FEES		SEARCH FEES		EXAMINATION FEES		Fees Paid (\$)
	Fee (\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	Fee(\$)	Small Entity Fee(\$)	
Utility	300	150	500	250	200	100	_____
Design	200	100	100	50	130	65	_____
Plant	200	100	300	150	160	80	_____
Reissue	300	150	500	250	600	300	_____
Provisional	200	100	0	0	0	0	_____

2. EXCESS CLAIM FEES**Fee Description**

Each claim over 20 (including Reissues)

Fee (\$)**Small Entity Fee (\$)**

Each independent claim over 30 (including Reissues)

50

25

Multiple dependent claims

200

100

360

180

Total Claims**Extra Claims****Fee(\$)****Fee Paid (\$)****Multiple Dependent Claims**

_____ -20 or HP= _____ x _____ = _____

Fee (\$) **Fee Paid (\$)**

HP = highest number of total claims paid for, if greater than 20.

Indep. Claims**Extra Claims****Fee(\$)****Fee Paid (\$)**

_____ - 3 or HP= _____ x _____ = _____

HP = highest number of independent claims paid for, if greater than 3.

3. APPLICATION SIZE FEE

If the specification and drawings exceed 100 sheets of paper (excluding electronically filed sequence or computer listings under 37 CFR 1.52(e)), the application size fee due is \$250 (\$125 for small entity) for each additional 50 sheets or fraction thereof. See 35 U.S.C. 41(a)(1)(G) and 37 CFR 1.16(s).

Total Sheets	Extra Sheets	Number of each additional 50 or fraction thereof	Fee (\$)	Fee Paid (\$)
_____	_____	_____	_____	_____

_____ - 100 = _____ / 50 = _____ (round up to a whole number) x _____ = _____

4. OTHER FEE(S)

Non-English Specification, \$130 fee (no small entity discount)

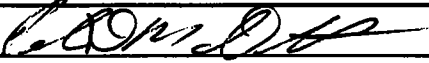
Fees Paid (\$)

Other (e.g., late filing surcharge) : Response to Notification of Missing Requirements Under 35 USC 371

\$65.00

in the United States Designated/Elected Office (DO/EO/US)

SUBMITTED BY

Signature		Registration No. (Attorney/Agent)	29,411	Telephone	617-720-9600
Name (Print/Type)	Peter D. McDermott	Date	01/12/07		

This collection of information is required by 37 CFR 1.136. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 30 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
 United States Patent and Trademark Office
 Address: COMMISSIONER FOR PATENTS
 P.O. Box 1450
 Alexandria, Virginia 22313-1450
 www.uspto.gov

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/557,536	David Strand	005092.00078

INTERNATIONAL APPLICATION NO.

PCT/US04/15934

I.A. FILING DATE

05/19/2004

PRIORITY DATE

05/19/2003

22910
 BANNER & WITCOFF, LTD.
 28 STATE STREET
 28th FLOOR
 BOSTON, MA 02109-9601

RECEIVED

NOV 16 2006

BANNER & WITCOFF, LTD.

CONFIRMATION NO. 8811

371 FORMALITIES LETTER



OC000000021197490

Date Mailed: 11/13/2006

NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Indication of Small Entity Status
- Copy of the International Application filed on 11/21/2005
- Copy of the International Search Report filed on 11/21/2005
- Preliminary Amendments filed on 11/21/2005
- Information Disclosure Statements filed on 11/21/2005
- U.S. Basic National Fees filed on 11/21/2005
- Priority Documents filed on 11/21/2005
- Specification filed on 11/21/2005
- Claims filed on 11/21/2005
- Abstracts filed on 11/21/2005
- Drawings filed on 11/21/2005

The applicant needs to satisfy supplemental fees problems indicated below.

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.
- To avoid abandonment, a surcharge (for late submission of filing fee, search fee, examination fee or oath or declaration) as set forth in 37 CFR 1.492(h) of \$65 for a small entity in compliance with 37 CFR 1.27, must be submitted with the missing items identified in this letter.

SUMMARY OF FEES DUE:

Total additional fees required for this application is \$65 for a Small Entity:

- \$65 Surcharge.

ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

Registered users of EFS-Web may alternatively submit their reply to this notice via EFS-Web.
<https://portal.uspto.gov/authenticate/AuthenticateUserLocalEPF.html>

For more information about EFS-Web please call the USPTO Electronic Business Center at 1-866-217-9197 or visit our website at <http://www.uspto.gov/ebc>.

If you are not using EFS-Web to submit your reply, you must include a copy of this notice.

PAULETTE R KIDWELL

Telephone: (703) 308-9140 EXT 216

PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/557,536	PCT/US04/15934	005092.00078